Index of Claims

| App | lica | tion | /Con | trol | No. |
|-----|------|------|------|------|-----|
|-----|------|------|------|------|-----|

10/616,492 Examiner

LEE, YAO-SHENG Art Unit

Applicant(s)/Patent under Reexamination

Binh X. Tran

1765

| √ | Rejected |
|---|----------|
| = | Allowed  |

(Through numeral) Cancelled

Restricted

Non-Elected Ν Interference

Appeal Α o Objected

| Claim             | m Date         |          |          | $\neg$             |          | Cla       | aim                 | Date   |           |       |       |          |          |           |           |          | ijГ      | Cla                     | aim   | Date                    |        |    |       |          |         |              |              |          |          |          |           |               |
|-------------------|----------------|----------|----------|--------------------|----------|-----------|---------------------|--|-----------|-------|-------|----------|----------|-----------|-----------|----------|----------|-------------------------|---|-------------------------|--------|----|-------|----------|---------|--------------|--------------|----------|----------|----------|-----------|---------------|
|                   |                |          |          |                    |          | $\dashv$  |                     |  |           |       |       |          | -        | ŀ         | —ï        |          | Date     |                         |   |                         |        |    |       |          |         |              |              |          |          |          |           |               |
| Final<br>Original | 4/12/05        |          |          |                    |          |           |                     |  |           |       | ਲ     | Original | l        |           |           | - 1      | i        | -                       | ı   | - {                     |        |    | ᇛ     | Original |         | 1            |              |          |          |          |           | ĺ             |
| Final             | 12             | !        |          | ļ                  | ŀ        | 1         |                     | - 1  |           |       | Final | iĝi      |          |           | i         | - 1      |          | ı                       |   |                         |        |    | Final | Ē        | 1       | İ            |              |          |          |          | . !       | ı             |
| <del>-</del>   ō  | 4              |          |          | 1                  |          |           |                     |  |           |       | _     | ō        |          |           |           | 1        |          |                         |   |                         |        |    | _     | ō        |         | 1            |              |          |          |          | .         |               |
| 1                 | +              | ╁        | +        | ╁                  | $\vdash$ | $\vdash$  | Н                   | $\dashv$   | $\dashv$  |       |       | 51       |          |           | _         | _        | -        | $\dashv$                | +   | +                       | ┨║     | ŀ  |       | 101      |         | +            | $\vdash$     | $\vdash$ | $\dashv$ | ┪        | -         | $\overline{}$ |
| 2                 | +              | -        | +        | ╁╌                 | ╁        | ┢         | H                   | -+   | -         |       | -     | 52       | -        | -         | -         |          | -        | 十                       | 十   | +                       | -      | ŀ  |       | 102      |         | ╁╴           | $\vdash$     | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$  | _             |
| 3                 | +              |          | +-       | ╁                  | ┰        | $\vdash$  | $\vdash$            | -  | ᅱ         |       |       | 53       | $\vdash$ | $\dashv$  | _         | $\dashv$ | $\dashv$ | 十                       | +   | +                       | -      | ŀ  |       | 103      | _       | ╁╌           | 1-           | -        | $\neg$   | $\neg$   | $\dashv$  |               |
| 4                 | +              |          | +-       | ┢                  | $\vdash$ | T         | $\Box$              | $\dashv$   | _         |       |       | 54       | $\vdash$ |           | $\dashv$  |          | $\dashv$ | $^{+}$                  | $\dashv$  | +                       | ۱!!    | ŀ  |       | 104      |         | ╁            | _            |          |          | $\dashv$ | _         | _             |
| 5                 | ┪,             | †        | +        | ✝                  | ┰        |           | Н                   | 一十   |           |       |       | 55       | $\vdash$ |           | 寸         | T        | $\dashv$ | T                       | $\dashv$  | +                       | ۱!!    | ŀ  |       | 105      |         | 十            | $\vdash$     |          | $\neg$   | $\neg$   |           | _             |
| 6                 | ┪+             |          | +-       | T                  | Т        | $\vdash$  | Н                   | 一  | $\dashv$  |       |       | 56       | H        |           | _         | 一        | $\dashv$ | 寸                       | _   | +                       | ۱      | ŀ  |       | 106      |         | T            | 一            |          |          | 一        | $\dashv$  | _             |
| 7                 | 1+             |          | 1        | T                  |          |           | П                   | 一  |           |       |       | 57       |          |           |           | 一        | $\neg$   | T                       | $\dashv$  | 7                       | ٦      | il |       | 107      |         | T            | $\vdash$     |          |          | $\neg$   | $\neg$    | _             |
| 8                 | 1+             | $\top$   | T        | T                  | <u> </u> |           |                     | 寸  |           |       |       | 58       | I        | $\Box$    | 寸         | 寸        | $\neg$   | 1                       | 十   |                         | ١      | ï  |       | 108      |         | T            | $\vdash$     |          | Ħ        | $\neg$   | $\neg$    |               |
| 9                 | 1+             | 1        | 1        | $\vdash$           | T        | T         | П                   |  | 7         |       |       | 59       |          |           | 寸         |          | 寸        | 1                       | 十   | 十                       |        | ī  |       | 109      | $\top$  | T            | T            |          | $\Box$   | ヿ        | $\neg$    | $\overline{}$ |
| 10                | 1+             | 1        |          |                    |          |           | П                   |  |           |       |       | 60       | -        |           |           |          | $\neg$   | _                       | _   | $\top$                  | 7!!!   | ľ  |       | 110      |         | 1            | T            |          |          | T        | $\neg$    | $\overline{}$ |
| 11                | Ť÷             | $\top$   |          |                    | i        |           | П                   |  |           |       |       | 61       |          |           | ヿ         | ヿ        |          |                         | $\top$  | $\neg$                  |        | ı  |       | 111      |         | 1            | _            |          |          |          | $\neg$    |               |
| 12                | +              | T        | 1        | Т                  | Ī        | Г         | $\Box$              | $\neg$   |           |       |       | 62       |          |           | $\neg$    |          | $\dashv$ | $\dashv$                | $\top$  | $\top$                  |        | ľ  |       | 112      |         | Τ            | T            |          |          | 7        |           | _             |
| 13                | +              | -        | $\top$   | T                  |          | П         |                     | $\neg$   |           |       |       | 63       |          |           | $\neg$    |          | $\dashv$ | $\dashv$                | $\dashv$  | $\top$                  | 7      | ij |       | 113      |         | T            |              | Г        | $\Box$   | $\neg$   | $\neg$    |               |
| 14                | +              | -        | $\top$   | T                  |          | Г         |                     |  | $\exists$ |       |       | 64       |          |           | $\dashv$  |          | 1        | 1                       | 十   | 十                       | 7      | ı  |       | 114      |         | 1            |              |          |          | $\dashv$ | $\neg$    |               |
| 15                | +              |          | 1        | 1                  | $\Box$   |           |                     | $\neg$   |           |       |       | 65       |          | $\Box$    | $\dashv$  | 寸        | 1        | $\dashv$                | 十   | $\top$                  |        | ľ  |       | 115      |         | T            |              |          | $\Box$   | ┪        | $\neg$    | _             |
| 16                | +              | 1        | 1        |                    |          |           | П                   | T  |           |       |       | 66       |          |           | 一         | ヿ        | $\neg$   | T                       | $\neg$  | 十                       | 7      | ľ  |       | 116      |         | T            | T            |          |          |          | $\neg$    | $\overline{}$ |
| 17                | +              | T        | $\top$   | Τ                  |          |           |                     |  |           |       |       | 67       |          |           | 寸         |          | ヿ        | $\exists$               | $\neg$  | _                       | 7.     | ľ  |       | 117      |         | T            |              |          |          | $\neg$   | $\neg$    | $\overline{}$ |
| 18                | +              | Τ        | 1        | Г                  |          |           |                     |  |           |       |       | 68       |          |           |           |          | $\neg$   | T                       | $\neg$  | $\top$                  |        | ľ  |       | 118      |         | T            |              |          |          | $\neg$   | $\neg$    |               |
| 19                | 1+             | T        | 1-       | <b>†</b>           |          |           |                     | T  |           |       |       | 69       |          | $\exists$ | 寸         |          | $\neg$   | $\top$                  | $\top$  | 十                       | -      | ŀ  |       | 119      | $\neg$  | 1            |              |          |          |          | $\neg$    |               |
| 20                | +              | T        | 1        | ı                  | T        |           | П                   | $\neg$   |           |       |       | 70       |          | $\neg$    | 寸         |          | $\neg$   | 寸                       | $\top$  | $\top$                  | 7      | ŀ  |       | 120      | _       | 1            |              | $\vdash$ |          |          |           |               |
| 21                | T              | 1        | 1        |                    |          |           |                     | $\neg$   |           |       |       | 71       |          |           | $\exists$ | T        | $\neg$   | T                       | $\top$  |                         | 7      | r  |       | 121      |         | 1            | <b>—</b>     |          |          |          |           |               |
| 22                |                | T        |          |                    |          |           |                     |  |           |       |       | 72       |          |           |           | $\neg$   | ヿ        | 寸                       | 1   | $\top$                  | 7      | ı  |       | 122      |         | 1            | Г            |          |          |          |           |               |
| 23                | Τ              | T        | $\top$   |                    |          |           |                     | $\neg$   |           |       |       | 73       |          |           |           |          |          | $\dashv$                | 1   | $\top$                  | 7      |    |       | 123      |         | 1            |              |          |          |          |           |               |
| 24                | Τ              | T        | $\top$   |                    |          | $\Box$    |                     | $\neg$   |           |       |       | 74       |          |           |           | $\neg$   | $\neg$   |                         | 1   | $\top$                  | 7      | ı  |       | 124      |         |              |              |          |          | _        |           | $\overline{}$ |
| 25                | Τ              | 1        | $\top$   |                    | Г        | $\vdash$  |                     | $\neg$   | 7         |       |       | 75       |          |           |           |          | $\neg$   | $\dashv$                | _   |                         | 7      | ľ  |       | 125      |         | 1            |              |          |          | $\neg$   |           | $\neg$        |
| 26                | $\top$         | $\top$   | 1        |                    |          |           |                     | T  |           |       |       | 76       |          |           |           | $\neg$   | $\neg$   | $\dashv$                | $\top$  | $\top$                  | 7      | T  |       | 126      |         | T            | T            |          | П        | $\dashv$ |           |               |
| 27                |                | 1        |          |                    |          |           |                     | $\neg$   |           |       |       | 77       |          |           |           | $\neg$   | T        | 寸                       | 1   | $\top$                  | 7      | Ī  |       | 127      |         | T            |              |          |          | 寸        | $\exists$ | _             |
| 28                | T              | Т        | 1        |                    |          |           |                     | $\neg$   |           |       |       | 78       |          |           | $\neg$    |          |          | $\dashv$                | $\top$  | $\top$                  | 7      | Ī  |       | 128      |         |              |              |          |          | $\neg$   |           |               |
| 29                |                | T        |          |                    |          |           |                     |  |           |       |       | 79       |          |           |           |          |          | $\dashv$                |   | $\top$                  | 7      | Ī  |       | 129      |         |              |              |          |          | $\neg$   | $\neg$    |               |
| 30                | 1              | Т        | 7        |                    | Π        |           |                     |  |           |       |       | 80       |          |           |           |          | $\neg$   | $\neg$                  |   |                         | 7.     |    |       | 130      |         |              |              |          |          | コ        | $\neg$    |               |
| 31                | 1              | Т        | 7        | Π                  | Г        |           |                     |  |           |       |       | 81       |          |           | $\neg$    |          |          | $\neg$                  |   |                         | 7      | -  |       | 131      |         | T            | $\vdash$     |          |          |          | $\neg$    |               |
| 32                |                | Т        |          |                    | П        |           |                     |  |           |       |       | 82       |          |           | $\neg$    | $\neg$   | $\neg$   | T                       |   |                         | ١      |    |       | 132      |         | 1            |              |          |          | T        | $\neg$    | _             |
| 33                | Π              | I        |          |                    |          |           |                     |  |           |       |       | 83       |          |           |           |          |          |                         |   |                         | ٦      | Ī  |       | 133      |         |              |              |          |          | 寸        |           |               |
| 34                | $\prod$        | Γ        |          |                    | L        |           |                     |  |           |       |       | 84       |          |           |           |          | $\Box$   |                         |   | J                       |        |    |       | 134      |         |              |              |          |          | ╗        | $\Box$    | _             |
| 35                | $\perp$        | L        |          |                    |          |           |                     | $oldsymbol{\bot}$  |           |       |       | 85       |          |           | $\Box$    | $\Box$   | J        | $\Box$                  |   | $oldsymbol{\mathbb{T}}$ | ]      |    |       | 135      |         |              |              |          |          |          |           |               |
| 36                | Γ              | Γ        |          | 匚                  |          |           |                     | $\Box$   |           |       |       | 86       |          |           |           |          |          | $\Box$                  | $oldsymbol{ol}}}}}}}}}}}}}}}$ | J                       |        | ľ  |       | 136      |         |              |              |          |          |          |           |               |
| 37                |                |          |          |                    |          |           |                     | $\Box$   |           |       |       | 87       |          |           |           | $\Box$   |          |                         |   |                         | ]      |    |       | 137      |         |              |              |          |          |          |           |               |
| 38                |                |          |          |                    |          |           |                     | $\Box$   |           |       |       | 88       |          |           |           |          |          |                         |   |                         | ]      | ſ  |       | 138      |         |              |              |          |          |          |           |               |
| 39                |                |          |          |                    | L        |           |                     | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$  |           |       |       | 89       |          |           |           |          |          | $oldsymbol{\mathbb{I}}$ |   |                         |        | ſ  |       | 139      |         |              |              |          |          | $\Box$   |           |               |
| 40                |                | L        |          |                    |          |           |                     | $oldsymbol{ol}}}}}}}}}}}}}}}}$ |           | [     |       | 90       |          |           |           |          |          | $\Box$                  |   | $\perp$                 |        |    |       | 140      |         | Ĺ            | L            |          |          |          |           |               |
| 41                | 1              | L        | <u> </u> | _                  | _        | لــــا    |                     | $\Box$   |           |       |       | 91       |          |           |           |          |          |                         |   |                         | ⅃Ш     | Ĺ  |       | 141      |         |              |              |          |          |          |           |               |
| 42                |                | L        | 上        | L                  | <u> </u> | $\square$ |                     |  |           | [     |       | 92       |          |           |           |          |          | $\bot$                  |   |                         | ⅃Ш     | Ĺ  | [     | 142      |         |              | $\Box$       |          |          |          |           |               |
| 43                | L              | L        |          | $oxedsymbol{oxed}$ | oxdot    | Ш         |                     |  |           | [     |       | 93       |          |           | $\Box$    | $\Box$   | $\Box$   | $\perp$                 |   |                         | _      |    |       | 143      |         |              |              |          |          |          |           | _             |
| 44                | L              |          |          |                    |          | Ш         |                     |  |           |       |       | 94       |          |           | $\Box$    | $\Box$   | $\Box$   | $\perp \!\!\! \perp$    |   |                         | _[:::  |    |       | 144      |         |              | Ĺ            |          |          |          |           |               |
| 45                | <del> </del> _ | $\perp$  | 1        | 1_                 | $\sqcup$ | Ш         | $\sqcup \downarrow$ | _  | _         |       |       | 95       |          | _         |           | ]        | _[       |                         | $\perp$   | Ţ                       | _      | L  |       | 145      |         |              |              |          |          |          | $\Box$    |               |
| 46                | 1              | L        | $\perp$  | <u>L</u>           | Щ        | Ш         |                     | $\perp$  | _         |       |       | 96       | Ш        | _[        |           | _        |          |                         | $\perp$   | ┸                       | _      | L  |       | 146      |         | <u> </u>     |              | Ш        | $\Box$   | $\Box$   |           |               |
| 47                | $\perp$        | <u> </u> | _        | <u>L</u>           |          | Ш         | $\Box$              | $\perp$  | _         |       |       | 97       | Ш        | [         | $\perp$   | [        |          | _                       |   | 1                       | _      | L  |       | 147      | _ _     | _            | Ш            |          |          |          |           |               |
| 48                | 1              | Ļ        | _        | L_                 |          | Ш         | $\sqcup$            | $\perp$  | _         |       |       | 98       |          |           | $\perp$   | _        | $\perp$  | $\bot$                  |   | $\perp$                 | _      | L  |       | 148      | $\perp$ | $\perp$      | _            |          | $\Box$   | _        |           |               |
| 49                | $\perp$        | _        | _        | <u>L</u>           | 匚        | Ш         |                     | $\perp$  | _         |       |       | 99       |          | _[        | $\perp$   | $\perp$  |          |                         |   |                         | _      | L  | ]     | 149      | $\bot$  | $oxed{\Box}$ |              |          |          | $\perp$  |           |               |
| 50                | $\perp$        | _        |          |                    |          | $\sqcup$  |                     |  | _]:       | :::i[ |       | 100      |          |           |           |          |          |                         |   |                         | _]:::: | L  |       | 150      |         |              | $oxed{oxed}$ |          |          | $\perp$  |           |               |